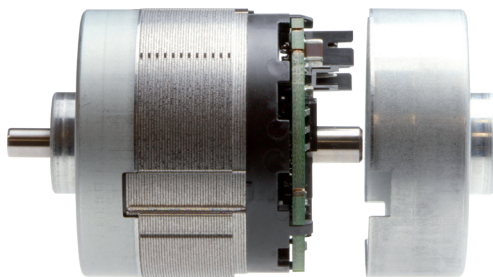


# Motor Drive Electronic

BLDC 36

Motor Type	Operating Voltage [V]	Power Bridge Control [kHz]	Analog Speed Input opt. [VDC]
BLDC 36	10 to 28	>16 (PWM)	0 to 10



**3 A cont. / 5 A peak**  
**Single Wire UART**  
**inverse - polarity protection**

#### Electronic Data:

- Motor Phase Current cont.: 3 A
- Motor Phase Current peak: 5 A
- Rotor Position Detection: Hall-IC (3x)
- Commutation Mode: Block Commutation
- Closed Speed Control: Yes
- PWM Speed Input (digital): Optional
- Digital Output: Open Collector 10 mA
- Digital Input 1: Direction
- Digital Input 2: DI or Single Wire UART
- Start Ramp: Yes
- Stop Ramp: Yes
- Stall Detection: Yes
- Over Temperature Protection: Yes
- Over Voltage Protection: Yes
- Short Circuit to GND (Interface Pins): Yes
- Brake: Optional
- ESD: 4 kV
- Ambient Temperature: -40 to +55 °C
- Storage Temperature: -40 to +125 °C

